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## **POISONINGS**

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### **I. FIELD ASSESSMENT/TREATMENT INDICATORS**

- Altered level of consciousness.
- Signs and symptoms of substance ingestion, inhalation, injection or surface absorption.
- History of substance poisoning.
- For nerve agent, organophosphate or carbamate exposure in which the ChemPack has been deployed, refer to ICEMA Reference #13040 - Nerve Agent Antidote Kit (Training, Storage and Administration).

### **II. PRIORITIES**

- Assure the safety of EMS field personnel, initiate decontamination and isolation procedures as indicated.
- Assure and maintain ABCs.
- Determine degree of physiological distress.
- Obtain vital signs, history and complete physical assessment including the substance ingested, the amount, the time substance was ingested and the route.
- If appropriate and can be safely transported, bring ingested substance to the hospital with patient.
- Expeditious transport.

### **III. BLS INTERVENTIONS**

- Assure and maintain ABCs.
- Obtain oxygen saturation on room air, unless detrimental to patient condition. Administer oxygen per ICEMA Reference #7040 - Medication - Standard Orders.
- Contact poison control (1-800-222-1222).

- Obtain accurate history of incident:
  - Name of product or substance.
  - Quantity ingested, and/or duration of exposure.
  - Time elapsed since exposure.
  - Pertinent medical history, chronic illness, and/or medical problems within the last twenty-four (24) hours.
  - Patient medication history.
- Obtain and monitor vital signs.
- Expeditious transport.

#### **IV. LIMITED ALS (LALS) INTERVENTIONS PRIOR TO BASE HOSPITAL CONTACT**

- Perform activities identified in the BLS Interventions.
- Obtain vascular access at a TKO rate or if signs of inadequate tissue perfusion, administer 500 cc fluid challenge and repeat until perfusion improves.
- For pediatric patients with signs of inadequate tissue perfusion, administer 20 ml/kg IV and repeat until perfusion improves.

#### **V. ALS INTERVENTIONS PRIOR TO BASE HOSPITAL CONTACT**

- Perform activities identified in the BLS and LALS Interventions.
- Monitor cardiac status.
- For phenothiazine “poisoning” with ataxia and/or muscle spasms, administer Diphenhydramine per ICEMA Reference #7040 - Medication - Standard Orders.
- For known organophosphate poisoning, administer Atropine per ICEMA Reference #7040 - Medication - Standard Orders.
- For seizures associated with nerve agent or organophosphate poisoning, administer Midazolam per ICEMA Reference #7040 - Medication - Standard Orders.

- For seizures associated with nerve agent or organophosphate poisoning, with deployment of the ChemPack, administer Diazepam per ICEMA Reference #7040 - Medication - Standard Orders.

#### **VI. BASE HOSPITAL MAY ORDER THE FOLLOWING**

- For tricyclic poisonings, administer Sodium Bicarbonate per ICEMA Reference #7040 - Medication - Standard Orders.
- For calcium channel blocker poisonings with persistent hypotension or bradycardic arrhythmias, administer Calcium Chloride per ICEMA Reference #7040 - Medication - Standard Orders.
- For beta blocker poisonings, administer Glucagon per ICEMA Reference #7040 - Medication - Standard Orders.

#### **VII. REFERENCES**

<b><u>Number</u></b>	<b><u>Name</u></b>
7040	Medication - Standard Orders
13040	Nerve Agent Antidote Kit (Training, Storage and Administration)